

THIRD PARTY QUALITY ASSURANCE REPORT

PROJECT: LIBBY ASBESTOS PROJECT

THIRD PARTY INDEPENDENT CONTRACTOR: CDM FEDERAL PROGRAMS CORP.

REMOVAL CONTRACTOR: PRI-ER JV

CONTRACT NUMBER:

PRI-ER JV TASK ORDER:

RESPONSE GUIDANCE DOCUMENT: RESPONSE ACTION WORK PLAN REVISION 8.0

REPORT AUTHOR:	K. Beaudoin (CDM Smith)	DATE: 8/23/2016
PROPERTY ADDRESS:	BNSF Libby Railyard	Libby, MT 59923
GEO UNIT:	7449	WORK PLAN REVISION: NA
PROPERTY ID:	AD-000739	BUILDING ID: NA
WEATHER:	47 Deg F. M. Sunny AM, 75 Deg F. P. Cloudy PM	
PURPOSE OF REPORT:	OU6 Soil Sampling Oversight of Kennedy Jenks Consultants (KJC)	

COMMENTS PERTAINING TO CONSTRUCTION ACTIVITIES

NOTE TIMES WITH EACH COMMENT

(RESULTS OF QA INSPECTIONS | TESTS | DEFICIENCIES OBSERVED | ACTIONS TAKEN | CORRECTIVE ACTIONS TAKEN BY THE CONTRACTOR | DISAGREEMENTS WITH CONTRACTOR | VERBAL INSTRUCTIONS TO CONTRACTOR (INCLUDE PERSONNEL) | DIRECTIONS FROM GOVERNMENT PERSONNEL)

0818 On site on the section of tracks along the Fisher River near mile post (MP) 1306 with S. Carney, R. Welchoff, D. Kroll, L. Klein, A. Silverman L. Knickrehm (all KJC). KJC is setting up for the sampling event. KJC has purchased a trenching shovel to use for soil sampling. 0920 the team is waiting to receive track protection. 0921 R. Lanman (BNSF) on site to provide track protection. 1114 Track protection has been established. KJC sample teams continue to collect personal air samples and are wearing respirators during the sampling event. Sampling is starting ~1000' from mile post 1306 and is moving east along the tracks. Two, two person teams are collecting aliquots from the north and sides of the tracks. Each team is collecting 15 aliquots per side. The teams are collecting aliquots from the toe of the ballast, center of the property and outside edge of the property. The teams are staggered and collecting aliquots approximately every 66'. K. Beaudoin is observing the south sample team. The team is using a push probe and shovel to collect their samples. Visual inspections of the aliquots has improved from 8-22-16 sample event. Some of the right of way samples are only 2" bgs due to rock in the area. KJC is collecting a GPS point at each aliquot. 1206 The team stopped sampling to allow trains to pass. The team left their sampling gear at their current aliquot while the trains pass. The teams went to the safe zone while the trains passed. 1411 Track protection has been restored and the teams continued sampling. 1433 The sampling team collected their 15 aliquots per side and placed the soil into a single bag to be homogenized. 1444 Track protection has been closed for the day. 1500 The teams deconned their sampling tools. Part of the homogenized soil was placed into a sample bag. 1500 Off site. The teams had an improvement on sampling technique today. The teams kept count for their sampling aliquots, used a shovel for some of the samples which improved the visual inspection and removal of debris from the sample. The teams fully deconned their equipment. K. Beaudoin did not observe any visible vermiculite on the surface in the 1000' sample area. 1514 Off site.

PRINTED NAME	INSPECTOR'S SIGNATURE	DATE
K. Beaudoin (CDM Smith)		8/23/2016